



**Towngas Honoured with The Association of  
Energy Engineer (AEE) Award 2018**

(17 October 2018) The Hong Kong and China Gas Company Limited (Towngas) was honoured with the Association of Energy Engineer (AEE) Pacific Rim Regional Energy Project of the Year Award 2018 yesterday in Charlotte, North Carolina, USA. The aim of this Award is to recognise innovative energy projects in Pacific Rim Region that has been in operation for at least 6 months and can be substantiated with actual installation costs and operating savings.

As early as 1999, Towngas has taken the lead in utilising landfill gas as fuel for town gas production at Shuen Wan Landfill. In 2006, Towngas introduced the use of natural gas together with naphtha, as raw materials for gas production to help further reduce greenhouse gas emissions. Towngas has studied different environmental projects periodically in order to enhance competitive edge, profitability and promote environmental protection. Towngas' engineering team actively explored the feasibility of using landfill gas from North East New Territories Landfill as the energy source for generator. After our continuous attempts and enhancements, the Combined Heat and Power (CHP) Generating System was successfully established in Alice Ho Miu Ling Nethersole Hospital (Nethersole Hospital) two years ago.

Towngas extended the pipeline which originally transfers landfill gas to Tai Po Production Plant. In addition, a 650 metres long sub-pipeline was constructed to supply landfill gas to Nethersole Hospital as energy for generator to jointly achieve the environmental protection concept of "turning waste into energy". With the CHP Generating System, the flue gas and residual heat from cooling water produced by the landfill gas generator installed in Nethersole Hospital will be recovered to produce steam and hot water for disinfection, laundry and other purposes in the hospital. It is estimated that Nethersole Hospital will save millions dollars in energy costs each year.

Towngas General Manager of Marketing and Sales, Duncan Wong said in the award ceremony, “This project uses the landfill gas to generate electricity, the exhaust heat to produce steam and hot water for the hospital. Not only it achieves an excellent total system efficiency of 87%, but also reduces the greenhouse gases produce from the landfill site. It is a win-win-win solution, for the customer, Towngas and the general public.”

The CHP Generating System not only helps Nethersole Hospital in saving energy cost but also being recognised by different professional associations in the past couple years. Towngas will keep on exploring new opportunities, driving profits for the Company while simultaneously advancing the social values in the communities in which it operates.

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Press Photos:



Duncan Wong, Towngas General Manager of Marketing and Sales (centre) introduced the award-winning project and gave a thank you speech on the stage.



Duncan Wong (fifth from right), Towngas General Manager of Marketing and Sales, Don Cheng (fourth from left), Assistant General Manager of Commercial and Industrial Marketing and Sales, Alfred Sit (third from right), Director of Electrical and Mechanical Services Department, Yuen Pak Leung (fifth from left), Senior Manager of Hospital Authority pictured with Clint Christenson, President of the Association of Energy Engineer (AEE) (second from right).



The Secretary for the Environment Wong Kam-sing (fifth from left), Chief Executive of Hospital Authority Leung Pak-yin (sixth from left), Hospital Chief Executive of Alice Ho Miu Ling Nethersole Hospital and Tai Po Hospital Man Chi-yin (fifth from right), Towngas Managing Director Alfred Chan (second from left), Towngas Executive Director and Chief Operating Officer–Utilities Business Peter Wong (fourth from right) and Towngas Head of Commercial–Hong Kong Utilities Peter Wong (first from left) took a group photo with the other officiating guests.

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